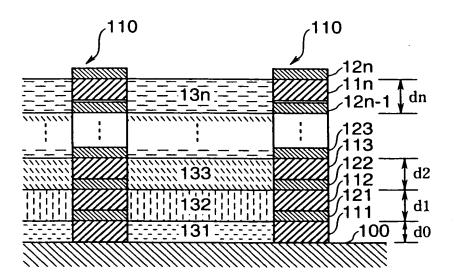
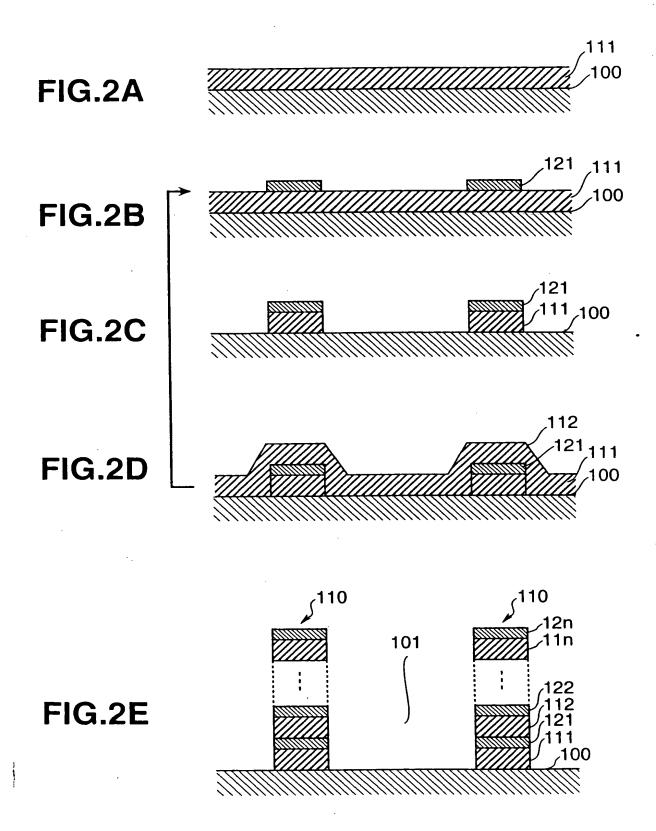
FIG.1





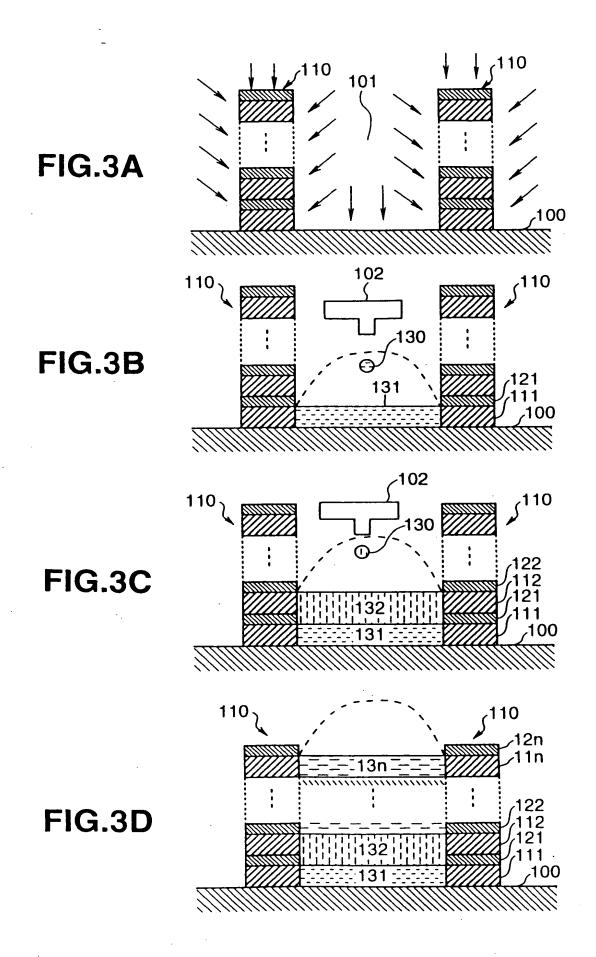
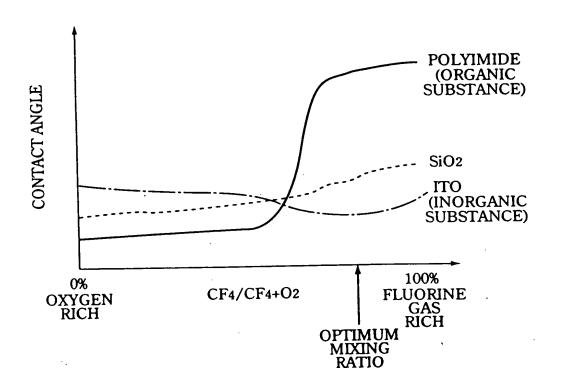


FIG.4



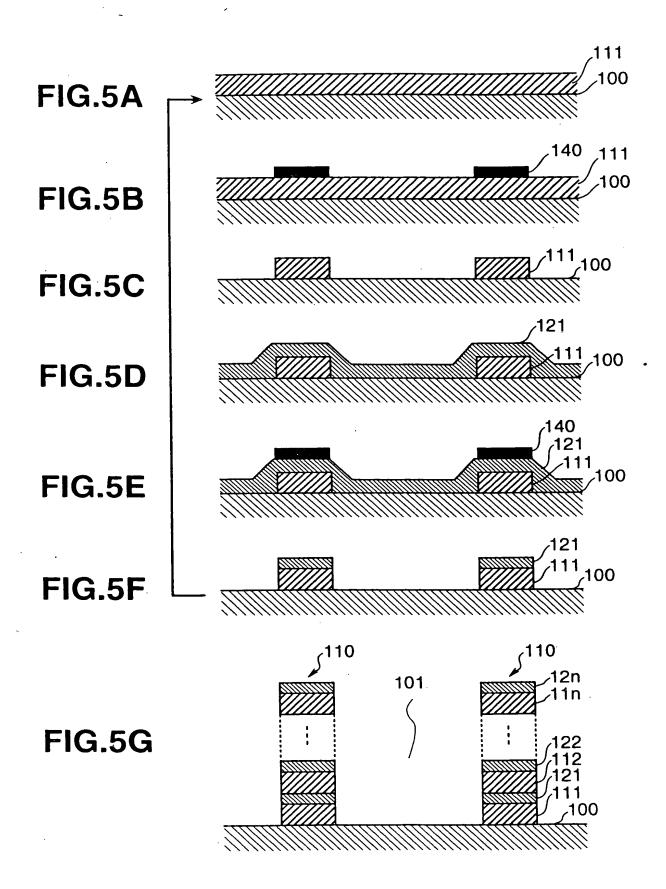


FIG.6

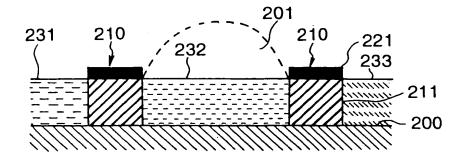


FIG.7

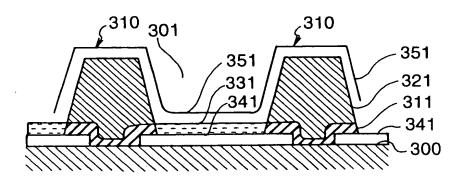
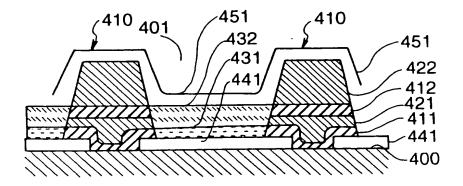


FIG.8



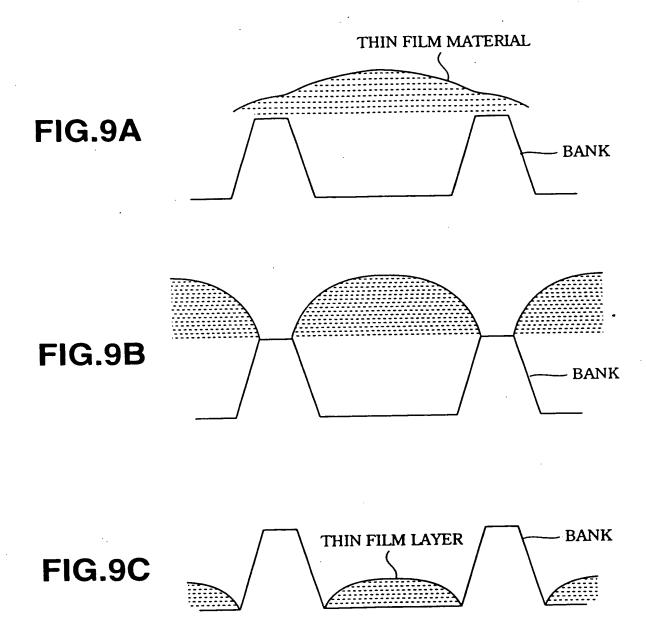


FIG.10A

THIN FILM MATERIAL

INK REPELLENT
LAYER

INK AFFINITY

FIG.10B

INK REPELLENT
LAYER
INK AFFINITY
THIN FILM LAYER